



1723/4

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 124.00

Complete if Known

Application Number	09/724,815
Filing Date	November 28, 2000
First Named Inventor	Alexandre N. Terentiev
Examiner Name	Tony G. Soohoo
Group Art Unit	1723
Attorney Docket No.	642-001

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

11-0978

Deposit
Account
Name

King & Schickli PLLC

- ☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

- ☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid	
127	-20** = 3	X 9 = 27		
Independent Claims	22	-3** = 1	X 42 = 42	
Multiple Dependent				

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 69.00

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
105 130	205 65	Surcharge - late filing fee or oath
127 50	227 25	Surcharge - late provisional filing fee or cover sheet
139 130	139 130	Non-English specification
147 2,520	147 2,520	For filing a request for ex parte reexamination
112 920*	112 920*	Requesting publication of SIR prior to Examiner action
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action
115 110	215 55	Extension for reply within first month
116 400	216 200	Extension for reply within second month
117 920	217 460	Extension for reply within third month
118 1,440	218 720	Extension for reply within fourth month
128 1,960	228 980	Extension for reply within fifth month
119 320	219 160	Notice of Appeal
120 320	220 160	Filing a brief in support of an appeal
121 280	221 140	Request for oral hearing
138 1,510	138 1,510	Petition to institute a public use proceeding
140 110	240 55	Petition to revive - unavoidable
141 1,280	241 640	Petition to revive - unintentional
142 1,280	242 640	Utility issue fee (or reissue)
143 460	243 230	Design issue fee
144 620	244 310	Plant issue fee
122 130	122 130	Petitions to the Commissioner
123 50	123 50	Processing fee under 37 CFR 1.17(q)
126 180	126 180	Submission of Information Disclosure Stmt
581 40	581 40	Recording each patent assignment per property (times number of properties)
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))
179 740	279 370	Request for Continued Examination (RCE)
169 900	169 900	Request for expedited examination of a design application

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 55.00

SUBMITTED BY

Name (Print/Type)

Andrew D. Dorjio

Registration No.
(Attorney/Agent)

41,713

Complete (if applicable)

Telephone

859-252-0889

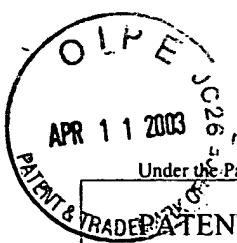
Signature

Date

4/4/03

WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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PATENT APPLICATION FEE DETERMINATION RECORD	Application or Docket Number 642-001
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CLAIMS AS FILED - PART I				SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		RATE	FEE			RATE	FEE
FOR	NUMBER FILED	NUMBER EXTRA							
BASIC FEE (37 CFR 1.16(a))					\$355.00	OR			\$
TOTAL CLAIMS (37 CFR 1.16(c))		124	minus 20 = *	x \$ 9 =	936.00	OR	x \$ 18 =		
INDEPENDENT CLAIMS (37 CFR 1.16(b))		21	minus 3 = *	x 42 =	720	OR	x 84 =		
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))				+ 140 =		OR	+ 280 =		
				TOTAL	2,011	OR	TOTAL	0	

* If the difference in column 1 is less than zero, enter "0" in column 2

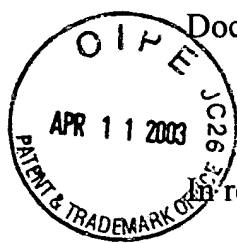
CLAIMS AS AMENDED - PART II						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		RATE	ADDI-TIONAL FEE			RATE	ADDI-TIONAL FEE
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA						
	Total (37 CFR 1.16(c))	* 124	Minus	** 124	= 0	x \$ 9 =		OR	x \$ 18 =		
	Independent (37 CFR 1.16(b))	* 21	Minus	*** 21	= 0	x 42 =		OR	x 84 =		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 140 =		OR	+ 280 =		
						TOTAL	0	OR	TOTAL	0	

CLAIMS AS AMENDED - PART II						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		RATE	ADDI-TIONAL FEE			RATE	ADDI-TIONAL FEE
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA						
	Total (37 CFR 1.16(c))	* 127	Minus	** 124	= 3	x \$ 9 =	27	OR	x \$ 18 =		
	Independent (37 CFR 1.16(b))	* 22	Minus	*** 21	= 1	x 42 =	42	OR	x 84 =		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 140 =		OR	+ 280 =		
						TOTAL	69	OR	TOTAL	0	

CLAIMS AS AMENDED - PART II						SMALL ENTITY		OR		OTHER THAN SMALL ENTITY	
(Column 1)		(Column 2)		(Column 3)		RATE	ADDI-TIONAL FEE			RATE	ADDI-TIONAL FEE
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA						
	Total (37 CFR 1.16(c))	*	Minus	**	=	x \$ 9 =		OR	x \$ 18 =		
	Independent (37 CFR 1.16(b))	*	Minus	***	=	x 42 =		OR	x 84 =		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ 140 =		OR	+ 280 =		
						TOTAL	0	OR	TOTAL	0	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

#17/c
ac
4-19-03
Jed



Docket No. 642-001

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ex re application

ALEXANDRE N. TERENTIEV

Ser. No. 09/724,815

Filed: November 28, 2000

For: PUMPING OR MIXING
SYSTEM USING A
LEVITATING MAGNETIC
ELEMENT, RELATED
SYSTEM COMPONENTS, AND
RELATED METHODS



Examiner Tony Soohoo

Group Art Unit 1723

RECEIVED
APR 15 2003
TC 1700

AMENDMENT

Commissioner of Patents
and Trademarks
Washington, DC 20231

04/14/2003 MBIZUNES 00000133 09724815
02 FC:2202 27.00 CH
03 FC:2201 42.00 CH

Dear Sir:

In response to the Office Action mailed on December 4, 2002, please make the following amendments to the application:

In the Claims

~~04/14/2003-MBIZUNES-00000133-09724815~~
~~01-FC:2251 -55.00-CH-~~

Please amend claim 111 as follows:

111. (Amended) A method of levitating and rotating a magnetic pumping or mixing element for pumping or mixing a fluid, comprising:

placing the magnetic pumping or mixing element in the vessel;

levitating the magnetic pumping or mixing element using a superconducting

~~04/14/2003-MBIZUNES-00000133-110778-09724815~~

~~02 FC:2202 -27.00-CH~~
~~03 FC:2201 -42.00-CH~~